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(71) Applicant (for all designated States except US): SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): MARQUIS, Robert, W., Jr. [US/US]; 115 Cambria Court, St. Davids, PA 19087 (US). VEBER, Daniel, F. [US/US]; 290 Batleson Road, Ambler, PA 19002 (US). RU, Yu [CN/US]; 109 Gilmore Road, Havertown, PA 19083 (US). LO CASTRO, Stephen [US/US]; 223 Candal Lake, Exton, PA 19341 (US).
- (74) Agents: McCARTHY, Mary, E. et al.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

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(54) Title: INHIBITORS OF CYSTEINE PROTEASE

(57) Abstract

This invention relates to compounds of formula (I), wherein A is C(O) or CH(OH); R1 is (1), (2), (3) or (4); R2 is H, C1-6alkyl, C3-6cycloalkyl-C0-6alkyl, Ar-Co-6alkyl, Het-Co-6alkyl, R5C(O)-, R5C(S)-, R5SO2-R5OC(O)-, R5R'NC(O)-, R5R'NC(S)-, adamantyl-C(O)-, or (5); R" is H, C1-6alkyl, Ar-C0-6alkyl, or Het-Co-salkyl; R" is H, C1-salkyl, C3-scycloalkyl-Co-salkyl, Ar-Co-salkyl, or Het-Co-salkyl; each R3 independently is H, C2-6alkenyl, C2-6alkynyl, Het, Ar or C1-6alkyl optionally substituted by OR', SR', NR'2, R'NC(O)OR5, CO₂R', CO₂NR'₂, N(C=NH)NH₂, Het or Ar, R⁴ is H, $C_{1\text{-}6}$ alkyl, $C_{3\text{-}6}$ cycloalkyl- $C_{0\text{-}6}$ alkyl, Ar- $C_{0\text{-}6}$ alkyl, R^5 C(O)-, R^5 C(S)-, R^5 SO₂-, R^5 OC(O)- $R^5R'NC(O)$ -, $R^5R'NC(S)$ -, R'HNCH(R')C(O)-, or R5OC(O)NR'CH(R')C(O)-; each R5 independently is C3-6cycloalkyl-C0-6alkyl, Ar-C0-6alkyl, Het-C0-6alkyl, Ar-Co-6alkoxy, Het-Co-6alkoxy, or C1-6alkyl optionally substituted by OR', SR', NR'2, R'NC(O)OR5, CO₂R', CO₂NR'₂, N(C=NH)NH₂, Het or Ar; R⁶ is H, C1-6alkyl, Ar-C0-6alkyl, or Het-C0-6alkyl and R7 is H, C1-6alkyl, C3-6cycloalkyl-C0-6alkyl, Ar-C0-6alkyl, Het-Co-6alkyl, R5C(O)-, R5C(S)-, R5SO2-, R5OC(O)-,

Het-C₀₋₆alkyl, R²C(0)-, R²C(5)-, R²O₂-, R²O₂-, R²O₂-, R²O₂-, R²O₂-, R²O₂-, R²O₃-, R²O₄-, R²O₅-, R²O

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